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A Revised Check List of the Parasitic Fungi on Cereals and Other Grasses in Oregon

March 1, 1942

The Plant Disease Reporter is issued as a service to plant pathologists throughout the United States. It contains reports, summaries, observations, and comments submitted voluntarily by qualified observers. These reports often are in the form of suggestions, queries, and opinions, frequently purely tentative, offered for consideration or discussion rather than as matters of established fact. In accepting and publishing this material the Division of Mycology and Disease Survey serves merely as an informational clearing house. It does not assume responsibility for the subject matter.

A REVISED CHECK LIST OF THE PARASITIC FUNGI ON CEREALS AND OTHER GRASSES IN OREGON[1]

Roderick Sprague[2]

Plant Disease Reporter
Supplement 134 March 1, 1942

The first preliminary list of the diseases of cereals and grasses in Oregon[3] was issued in 1935 and additions[4] were added in 1937. These two lists are here combined together with further additions.

Oregon is well adapted to the growing of both cereals and grasses. The State is roughly divided by the Cascade Range into the humid western portion and the drier, semi-arid eastern region. The western portion is again partitioned into a narrow, very humid coastal strip flanked by the low Coast Range dividing the coast area from the wide Willamette Valley where winter rainfall is heavy and summer weather dry. Northward the Willamette drains into the Columbia River which breaks through the Cascade Range from the east. South of the Willamette Valley is a rugged area of valleys and hills extending to the Siskiyou Mountains on the California border. Eastern Oregon is a high plateau of sagebrush and grassland, with the eastern portion featured by the conifer-covered Blue Mountains and granitic Wallowa Mountains. Wheat is extensively grown in central Oregon, and in the vicinity of the Blue Mountains in Union and Umatilla Counties it is the major crop.

Diseases of grasses in Oregon are found throughout the State, but the most serious troubles occur in the humid coastal strip or, during the mild winter months, in the Willamette Valley. The native dry land bluegrasses and bunchgrasses are parasitized by a number of fungi, but the dry season which comes after the spring rains cease is, in general, unfavorable for the development of grass diseases in the interior country. Certain rusts, smuts, rootrots, and powdery mildews, however, are sometimes abundant.

This list is for the purpose of furnishing a ready reference to all known diseases of cereals or grasses in Oregon. During recent years there has been increasing interest in the long-neglected group of grass diseases. While it is realized that many of the fungi listed in this article cannot, from a practical standpoint, be considered in a control program, it is

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1/ Cooperative investigations between the Divisions of Cereal Crops and Diseases and Forage Crops and Diseases, Bureau of Plant Industry, U. S. Department of Agriculture, and the Oregon Agricultural Experiment Station, contribution from the Department of Botany.

2/ Associate Pathologist, Division of Cereal Crops and Diseases, Bureau of Plant Industry, U. S. Department of Agriculture.

3/ A preliminary check list of the parasitic fungi on cereals and other grasses in Oregon. Plant Disease Reporter 19:156-186. 1935.

4/ Additions to the check list of the parasitic fungi on cereals and other grasses in Oregon (1935-37). Plant Disease Reporter 21:412-422. 1937.

important that a relatively complete list be assembled. A great deal of study must eventually be made to determine their host range, ecology and, where destructive, their control. As mentioned above, the diseases of grasses in the western portion of Oregon, particularly those of bent grasses, need study as they are destructive.

The writer is indebted to all of his colleagues who aided in the earlier lists. C. R. Orton determined the species of Phyllachora. Several of the grasses collected recently were identified by Agnes Chase and others by Helen Gilkey and Garland Powell. George Fischer determined certain species of smuts and rusts.

In citing authority for inclusion of the various fungi in this list, the writer wherever possible has again referred to representative collections in the Mycological Collections of the Department of Botany, Oregon State College, Corvallis, Oregon. Otherwise he has referred to specific references in reliable texts or, in a few cases, he has cited the fungi as having been seen and determined but collections not preserved. The collections at Corvallis now contain several thousand specimens of these fungi on Gramineae. A large number of duplicates have been sent to the Mycological Collections of the Bureau of Plant Industry, Washington, D.C., while representative collections also have been sent to Washington State College, Pullman, Washington, and to the University of Idaho, Moscow, Idaho.

The present list includes 677 citations of fungi on separate hosts.

Hitchcock (5) was again followed in classification of the grasses and cereals. Varieties except in rare instances were not segregated and the polymorphic group Bromus carinatus, B. marginatus, and B. polyanthus has been included under the one name, B. carinatus.

LIST OF FUNGI BY HOST PLANTS

Host and fungus or disease: Latin name	Common name	Where found	Literature or specimen a/
AEGILOPS CYLINDRICA Host.	JOINTED GOATGRASS		
Cercosporella herpotrichioides Fron	Cercosporella foot rot	Union County	(14)
AEGILOPS OVATA L.	LITTLE GOATGRASS		
Cercosporella herpotrichioides Fron	Cercosporella foot rot	Union County	(14)
Puccinia rubigo-vera tritici (Eriks. & Henn.) Carl.	Leaf rust	b/	(2)
AEGILOPS TRIUNCIALIS L.	BARBED GOATGRASS		
Cercosporella herpotrichioides Fron	Cercosporella foot rot	Union County	(14) 10,210
AGROPYRON CRISTATUM (L.) Gaertn.	CRESTED WHEATGRASS		
Claviceps purpurea (Fr.) Tul.	Ergot	Astoria in plots	8393
Epicoccum purpurascens Ehrbg.	Head mold	Astoria in plots	10,495
Fusarium culmorum (W. G. Sm.) Sacc.	Root rot	Wasco County	c/
F. oxysporum Schl.	Secondary pink root	Wasco & Sherman Co.	c/
Puccinia glumarum (Schm.) Eriks. & Henn.	Stripe rust	Moro	7530
Ustilago hypodytes (Schl.) Fr.	Stem smut	Exp. Sta., Union	Fischer's Collections

a/ Numbers in parentheses refer to literature citations at end of text; other numbers not in parentheses refer to specimen numbers in the mycological herbarium of the Department of Botany, Oregon State College, Corvallis, Oregon

b/ Information lacking.

c/ Pure culture isolations made in Oregon by the writer, 1929-40.

AGROPYRON DASYSTACHYUM (Hook.) Scribn.	THICKSPIKE WHEATGRASS		
(A. lanceolatum Scribn. & Smith)	(Downy wheatgrass)		
Ascospora graminis Lind.	Mold	Biggs, Celilo	10,809
Erysiphe graminis DC.	Powdery mildew	Wasco & Sherman Co.	10,224
Puccinia graminis Pers.	Stem rust	Sherman County	(2, 7)
P. rubigo-vera (DC.) Wint.	Leaf rust	Redmond, Celilo	(2, 7)
Rhynchosporium secalis (Oud.) J.J. Davis	Leaf scald	Wasco County	10,054
Scolecotrichum graminis Fckl.	Leaf stripe	Jackson, Sherman and Wasco Counties	10,059
Selenophoma donacis (Pass.) Sprague & Johnson var. stomaticola (Bauml.) Sprague & Johnson	Selenophoma speckle	Celilo Falls	673
AGROPYRON INERME (Scribn. & Smith) Rydb.	BEARDLESS WHEATGRASS		
(A. spicatum inerme Scribn. & Smith)			
Erysiphe graminis DC.	Powdery mildew	Rufus	10,928
Scolecotrichum graminis Fckl.	Leaf stripe	Klamath Falls & Rowena	10,056
Septoria elymi Ell. & Ev.	Leaf mottle	Rowena	c/ 10,378
AGROPYRON TRACHYCAULUM (Link) Malte	SLENDER WHEATGRASS		
(A. tenerum Vasey, A. pauciflorum (Schw.) Hitch.)			
Claviceps purpurea (Fr.) Tul.	Ergot	Union	10,693
Erysiphe graminis DC.	Powdery mildew	Andrews	(W.A.F.,164)d/
Puccinia graminis Pers.	Stem rust	Union	10,692
P. montanensis Ell.	Brown stripe rust	Union	10,695
Scolecotrichum graminis Fckl.	Leaf stripe	Upper Klamath Marsh	527
Ustilago striaeformis (Westd.) Niessl	Stripe smut	Exp. Sta., Union	Fischer's Coll.
AGROPYRON REPENS (L.) Beauv.	QUACKGRASS		
Bacterium sp.	Leaf rot	Corvallis	10,117
Claviceps purpurea (Fr.) Tul.	Ergot	Hood River	10,697
Helminthosporium tritici-repentis Died.	Brown leaf speckle	Alsea Valley	10,752

d/ Griffiths, D.W. Western American Fungi (exsiccati). (Abbreviated as W.A.F.)

d/ Griffiths, D.W. Western American Fungi (exsiccati). (Abbreviated as W.A.F.)

Puccinia rubigo-vera (DC.) Wint.	Leaf rust	Warrenton	10,312
Rhynchosporium secalis (Oud.) J.J.Davis	Leaf scald	Corvallis	10,117
Septoria elymi Ell. & Ev.	Leaf mottle	Silver Creek Falls	10,282
		& 6 miles N.of Eugene	465
Ustilago hypodytes (Schl.) Fr.	Stem smut	Hood River	336
AGROPYRON SMITHII Rydb.	WESTERN WHEATGRASS		
Scolecotrichum graminis Fckl.	Leaf stripe	Upper Klamath Lake	10,057
Ustilago hypodytes (Schl.) Fr.	Stem smut	Heppner	10,164
AGROPYRON SPICATUM (Pursh.) Scribn. & Smith	BLUE BUNCH WHEATGRASS		
Cladosporium herbarum Lk.	Leaf mold	18 mi. east of Arlington	157
Erysiphe graminis DC.	Powdery mildew	Friend	873
Puccinia glumarum (Schm.) Eriks. & Henn.	Stripe rust	Pendleton	Herb.,Univ. of Idaho
P. pattersoniana Arth.	Patterson's rust	E.Oreg.	(2, 7)
P. rubigo-vera (DC.) Wint.	Leaf rust	Benton County	(2, 7)
Scolecotrichum graminis Fckl.	Leaf stripe	Fossil	10,808
Septoria infuscans (Ell.&Ev.) Sprague	Brown leaf blotch	John Day Canyon	658
Urocystis agropyri (Preuss.) Schroet.	Smut	Wasco County	27,001
Ustilago macrospora Desm.	Smut	----------	(4)
AGROPYRON SUBSECUNDUM (Link) Hitchc. (A. caninum Am. Auth.)	BEARDED WHEATGRASS		
Puccinia montanensis Ellis	Brown stripe rust	Hood River	10,252
AGROSTIS AEQUIVALVIS (Trin.) Trin.	BENT GRASS		
Puccinia coronata Corda	Crown rust	Silver Creek Park	330
AGROSTIS ALBA L.	REDTOP		
Claviceps purpurea (Fr.) Tul.	Ergot	Clatsop County	10,317
Darluca filum (Biv.) Cast.	Parasite on crown rust	Astoria	10,735
Mastigosporium rubricosum (Dearn. & Barth.) Sprague	Red eye spot	Coast region	10,586

Phycomycete Indet. e/	Purple leaf speckle	Corvallis, Wells	799
Puccinia coronata Corda	Crown rust	W. Oregon	(2, 7)
P. graminis Pers.	Stem rust	Astoria	10,313
Rhizoctonia solani Kühn	Leaf rot	Corvallis	c/
Rhynchosporium orthosporum Caldwell	Leaf scald	Corvallis	798
R. secalis (Oud.) J.J.Davis	Leaf scald	Granger	10,344
Septoria triseti Speg.	Gray leaf speckle	Shedd, Corvallis	(Culture S 113); 798
Uromyces jacksonii Arth.&Fromme	Jackson's rust	W. Oreg.	(2)
Ustilago striaeformis (Westd.) Niessl	Stripe smut	Monroe, Wells (near)	10,719
AGROSTIS CANINA L.	VELVET BENT		
Mastigosporium rubricosum (Dearn. & Barth.) Sprague	Red eye spot	Astoria in plots	10,980
Phycomycete Indet. e/	Purple leaf speckle	Astoria	119
Puccinia coronata Corda	Crown rust	Astoria in plots	10,713
P. graminis agrostidis Eriks.	Stem rust	Astoria in plots	10,713
AGROSTIS CASTELLANA Boiss. & Reut.	BENT		
Puccinia coronata Corda	Crown rust	Corvallis	H.A. Rampton
Scolecotrichum graminis Fckl.	Leaf stripe	Corvallis	H.A. Rampton
Septoria triseti Speg.	Gray leaf speckle	Corvallis	H.A. Rampton
AGROSTIS DIEGOENSIS Vasey (A. foliosa Vasey)	THINGRASS (Leafy bent)		
Puccinia coronata Corda	Crown rust	W. Oreg.	(2, 7)
Septoria calamagrostidis (Lib.) Sacc.	Leaf spot	Mehl Creek (Douglas County)	419
AGROSTIS EXARATA Trin.	SPIKE REDTOP		
Claviceps purpurea (Fr.) Tul.	Ergot	Warrenton	10,314
Darluca filum (Biv.) Cast.	on Puccinia coronata Corda	Clifton	10,712
Erysiphe graminis DC.	Powdery mildew	Marion County	10,507

e/ This is a unilocular body or cluster of bodies embedded in the leaf. No one has been able to identify them. They probably belong near the Chytridiales. Nothing is known of their life history as the bodies have not been seen to germinate although sometimes they are found empty. At times they are very common during moist periods in winter but more often only a few leaves will be found infected on a plant.

periods in winter but more often only a few leaves will be found infected on a plant.

Helminthosporium triseptatum Drechsl.	Leaf spot	Wells, Benton Co.	737
Hendersonia sp.	Leaf spot	Clifton	10,712
Mastigosporium rubricosum (Dearn. & Barth.) Sprague	Red eye spot	Hanchet Creek, Yamhill County	745
Phycomycete Indet. e/	Purple leaf speckle	Clatsop County	456
Puccinia coronata Corda	Crown rust	W. Oreg.	(2, 7)
P. graminis Pers.	Stem rust	Jackson County	(2, 7)
Scolecotrichum graminis Fckl.	Leaf stripe	Union Creek, Hanchet Creek	532
Septoria calamagrostidis (Lib.) Sacc.	Leaf spot	Marion & Lincoln Cos.	10,377
Ustilago striaeformis (Westd.) Niessl.	Stripe smut	Benton & Jackson Cos.	1391
AGROSTIS EXARATA var. AMPLA (Hitchc.) Hitchc.	GIANT SPIKE REDTOP		
Septoria triseti Speg.	Gray leaf speckle	Lewisburg, Benton Co.	647
AGROSTIS HALLII Vasey	WILD BENT		
Phycomycete Indet. e/	Purple leaf speckle	1 mi. west of Summit	91
Rhizoctonia solani Kühn	Leaf rot	Benton County	8489
Scolecotrichum graminis Fckl.	Leaf stripe	Helmick Park	8370
Septogloeum oxysporum Bomm.,Rouss. & Sacc.	Char spot	Corvallis	8278
Septoria sp.	Leaf spot	Helmick Park	8370
Uromyces jacksonii Arth. & Fromme	Jackson's rust	Benton County	(2, 7)
AGROSTIS SCABRA Willd.	TICKLEGRASS		
Scolecotrichum graminis Fckl.	Leaf stripe	Upper Klamath Marsh	530
Septogloeum oxysporum Bomm., Rouss. & Sacc.	Char spot	Cornucopia	(Fischer)
AGROSTIS HOWELLII Scribn.	HOWELL'S BENT		
Hendersonia culmicola var. minor Sacc.	Leaf & sheath rot	W. fork of Hood Riv.	804
AGROSTIS LONGILIGULA Hitchc.	PACIFIC BENT		
Puccinia coronata Corda	Crown rust	Coast	(2, 7)
AGROSTIS PALLENS Trin.	DUNE BENT (Seashore bent)		
Uromyces jacksonii Arth. & Fromme	Jackson's rust	Coast	(7)

AGROSTIS PALUSTRIS Huds.	CREEPING BENT		
(A. maritima Lam.)	(Seaside bent)		
Claviceps purpurea (Fr.) Tul.	Ergot	Clatsop County	10,316
Fusarium culmorum (W.G.Sm.) Sacc.	Root rot	Corvallis	10,447
F. nivale (Fr.) Ces. f/	Snow mold	Willamette Valley	10,447
F. nivale (Fr.) Ces. var. majus Wr.		6 mi. S.of Newport	34
Macrophoma sp.	Leaf spot	6 mi. S.of Newport	39
Mastigosporium rubricosum (Dearn. & Barth.) Sprague	Red eye spot	Coast region, Willamette Valley	10,308
Ovularia pulchella (Ces.) Sacc. var. (?)	Tan leaf spot	Corvallis	10,131
Phycomycete Indet. e/	Purple leaf speckle	Corvallis, Summit	69
Puccinia coronata Corda	Crown rust	W. Oreg.	(7)
Rhizoctonia solani Kühn	Secondary root rot	Corvallis	10,447
Septoria calamagrostidis (Lib.) Sacc.	Leaf spot	W. Oreg.	c/ 8490
Phaeoseptoria sp.	Leaf spot	6 mi. S.of Newport	39
Septoria triseti Speg.	Gray leaf speckle	Near Newport	16
Tilletia pallida Fisch.	Head smut	Coast	8303
Uromyces jacksonii Arth. & Fromme	Jackson's rust	Hood River	(7)
Ustilago striaeformis (Westd.) Niessl	Stripe smut	Near Salem	671
AGROSTIS STOLONIFERA L.	BENT		
Mastigosporium rubricosum (Dearn. & Barth.) Sprague	Red eye spot	Astoria in plots	8263
AGROSTIS TENUIS Sibth.	COLONIAL BENT (Astoria bent)		
Claviceps purpurea (Fr.) Tul.	Ergot	Astoria	10,029
Corticium solani (Prill. & Del.) Bourd. & Galz.	Brown patch	W. Oreg.	c/ 747
Darluca filum (Biv.) Cast.	On Puccinia coronata	Astoria, Hebo	365
Fusarium culmorum (W.G.Sm.) Sacc.	Root rot	W. Oreg.	c/
F. nivale (Fr.) Ces.	Snow mold	Corvallis	10,747
F. oxysporum Schl.	Secondary root rot	Corvallis	c/
Helminthosporium stenacrum Drechs.	Leaf blight	Corvallis	10,747
Mastigosporium rubricosum (Dearn. & Barth.) Sprague	Red eye spot	Coast region, Willamette Valley	10,585

f/ The cause of the winter "snow mold" of grasses is greatly in need of study both from a control and a taxonomic standpoint.

		Willamette Valley	10,585

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Phycomycete Indet. e/	Purple leaf speckle	Willamette Valley, Coast Region	107;49;156
Puccinia coronata Corda	Crown rust	Astoria	10,734
P. graminis Pers.	Stem rust	Benton County	10,052
Robillarda agrostidis Sprague	Leaf rot	Corvallis	42
Septoria triseti Speg.	Gray leaf speckle	W. Oregon	10,483
Ustilago striaeformis (Westd.) Niessl.	Stripe smut	Corvallis	18
AGROSTIS VERTICILLATA Vill.	WATER BENT		
Erysiphe graminis DC.	Powdery mildew	Sherman County	10,287
Mastigosporium rubricosum (Dearn. & Barth.) Sprague	Red eye spot	Astoria	8262
AIRA (See DESCHAMPSIA)			
ALOPECURUS AEQUALIS Sobol.	SHORTAWN FOXTAIL (Little meadow foxtail)		
Scolecotrichum graminis Fckl.	Leaf stripe	Upper Klamath Lake	10,058
ALOPECURUS GENICULATUS L.	WATER FOXTAIL		
Scolecotrichum graminis Fckl.	Leaf stripe	Crater Nat'l Forest	518
ALOPECURUS PRATENSIS L.	MEADOW FOXTAIL		
Claviceps purpurea (Fr.) Tul.	Ergot	Astoria	10,705
Puccinia coronata Corda	Crown rust	Astoria	10,291
P. graminis Pers.	Stem rust	Astoria	10,706
Rhynchosporium sp.	Leaf scald	Corvallis	10,275
Scolecotrichum graminis Fckl.	Leaf stripe	Corvallis	10,275
ALOPECURUS SACCATUS Vasey	PACIFIC MEADOW FOXTAIL		
Puccinia graminis Pers.	Stem rust	Corvallis	(2, 7)
AMMOPHILA ARENARIA (L.) Link	EUROPEAN BEACHGRASS		
Cladosporium sp.	Leaf mold	Lake Lytle	8386

ANTHOXANTHUM ODORATUM L.	SWEET VERNALGRASS		
Cladosporium herbarum Lk.	Leaf mold	Near Seaside (F.D. Bailey)	645
Colletotrichum graminicolum (Ces.) Wils.	Anthracnose	Tillamook and Multnomah Cos.	8264
Helminthosporium dematioideum Bubak & Wrob.	Leaf spot	Corvallis & coast region	10,265
Phycomycete Indet. g/	Leaf spot	10 mi. S. of Seaside	105
Phyllosticta anthoxanthella Sprague	Leaf blotch	Triangle Lake	264
ARRHENATHERUM ELATIUS (L.) Mert. & Koch.	TALL OATGRASS		
Ascochyta graminicola Sacc.	Purple leaf speckle	Corvallis	21
Claviceps purpurea (Fr.) Tul.	Ergot	Corvallis	25,979
Ovularia pulchella (Ces.) Sacc.	Leaf spot	Bonneville	8433
Puccinia graminis Pers.	Stem rust	Astoria in plots	10,293
Scolecotrichum graminis Fckl.	Leaf stripe	Western Oregon	10,132
Septogloeum oxysporum Bomm., Rouss. & Sacc.	Char spot	Willamette Valley, Astoria	c/ 10,136
Ustilago perennans Rostr.	Head smut	General	1813
AVENA BARBATA Brot.	SLENDER WILD OAT		
Puccinia graminis avenae Eriks. & Henn.	Stem rust	Myrtle Point	10,436
AVENA BYZANTINA C. Koch	RED OAT		
Ascochyta sp.	White leaf spot	Troutdale	10,243
Erysiphe graminis DC.	Powdery mildew	Scattered in coast region	g/
Fusarium culmorum (W.G.Sm.) Sacc.	Root rot	W.Oreg. & Moro	c/ 7212
F. oxysporum Schl.	Secondary root rot	Moro, western Oreg.	c/
F. poae (Pk.) Wr.	Head blast	Astoria	8308
Helminthosporium avenae Eidam	Leaf spot	Coast	c/ 10,115
H. sativum P.K.& B.	Root rot	Lincoln County	10,112
Ophiobolus graminis Sacc.	Take-all	Curry & Marion Cos.	7600
Pseudodiscosia avenae Sprague & Johnson	Red leather leaf	Astoria, Willamette Valley	8266 (12)

g/ Field notes made by R. Sprague in Oregon in 1929-39.

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Puccinia coronata Corda	Crown rust	Coast	g/
P. graminis Pers.	Stem rust	W. Oregon	g/
Rhizoctonia solani Kühn	White foot rot	Lincoln & Lane Cos.	(10) 10,032
Septoria tritici Rob.f.avenae (Desm.)Sprague	Leaf blotch	W. Oregon	(9)
Ustilago avenae (Corda) Jens.	Loose smut	Scattered	1820
Ustilago kolleri Wille (U.levis (Kell & Sw.) Magn.)	Covered smut	General	1820
AVENA FATUA L.	WILD OAT		
Erysiphe graminis DC.	Powdery mildew	Corvallis, Mosier	1101
Fusarium culmorum (W.G.Sm.) Sacc.	Root rot	Linn County	48
Helminthosporium avenae Eidam	Leaf spot	W. Oregon	e/
Puccinia coronata Corda	Crown rust	Lincoln County	7537
P. graminis Pers.	Stem rust	Willamette	(2, 7)
Rhizoctonia solani Kühn	White foot rlt	Lincoln County	10,477
Septoria tritici Rob. f. avenae (Desm.) Sprague	Leaf blotch	Benton, Lincoln & Coos Counties	10,031
AVENA NUDA L.	NAKED OATS		
Puccinia coronata Corda	Crown rust	Astoria in plots	10,718
P. graminis avenae Erikss. & Henn.	Stem rust	Astoria in plots	10,718
AVENA SATIVA L.	OAT		
Bacterium striafaciens Elliott [Phytomonas s. Bergey et al.]	Bacterial stripe blight	Corvallis	(A.G. Johnson)
Cercosporella herpotrichioides Fron	Foot rot	Wasco County	(14)
Colletotrichum graminicolum (Ces.) Wils.	Anthracnose	Lincoln County	5196
Erysiphe graminis DC.	Powdery mildew	Scattered	10,158
Darluca filum (Biv.) Cast.	on Puccinia graminis	Willamette Valley	7532
Fusarium culmorum (W.G.Sm.) Sacc.	Root rot	W.Oreg. & Moro	(8)
F. poae (Pk.) Wr.	Head blast	Hood River, Astoria, and Warrenton	10,355
Helminthosporium avenae Eidam	Leaf spot	W. Oregon	c/ 10,116
H. sativum P.B. & K.	Root rot	Lincoln County	10,114 (13)
Heterosporium avenae Oud.	Leaf mold	Forest Grove	10,452
Ophiobolus graminis Sacc.	Take-all	Marion County	10,160
Pseudodiscosia avenae Sprague & Johnson	Red leather leaf	Western Oregon	(12) 10,045

Puccinia coronata Corda	Crown rust	W. Oreg.	(2, 7)
P. graminis Pers.	Stem rust	W. Oreg.	(2, 7)
Rhizoctonia solani Kühn	White foot rot	Lincoln & Lane Cos.	(10) c/
Septoria tritici Rob. f. avenae (Desm.) Sprague	Leaf blotch	W. Oregon	(9) 10,035
Ustilago avenae (Corda) Jens.	Loose smut	Scattered	1064
U. kolleri Wille (U. levis [Kell. & Sw.] Magn.)	Covered smut	General	3821
Wojnowicia graminis (McAlp.) Sacc.	Secondary root rot	Wasco, Union, & Umatilla Counties	(11) c/
B. BOO (GENUS INDET.)			
ycosphaerella tulasnei Jacz.	Leaf mold	Corvallis	10,628
BECKMANNIA SYZIGACHNE (Steud.) Fern. (B. erucaeformis Am. Auth.)	AMERICAN SLOUGHGRASS		
Puccinia graminis Pers.	Stem rust	Corvallis	(2, 7)
Scolecotrichum graminis Fckl.	Leaf stripe	W. Oregon	10,060
Uromyces beckmanniae Jacks.	Rust	W. Oregon	(2, 7)
BROMUS ARENARIUS Labill.	AUSTRALIAN CHESS		
Scolecotrichum graminis Fckl.	Leaf stripe	Tygh Ridge (Wasco Co.)	10,085
BROMUS CARINATUS Hook. & Arn. h/	CALIFORNIA BROME		
Ascochyta graminicola Sacc. var. diedickeana Baudys & Picb.	Leaf spot	Hood River, Whitson	10,200
Bacterium coronafaciens atropurpureum (Reddy & Godkin [Phytomonas c. atropurpurea Magrou]	Chocolate spot	Corvallis	10,592
Claviceps purpurea (Fr.) Tul.	Ergot	S. Benton County	10,731
Corticium solani (Prill. & Del.) Bourd. & Galz. (Rhizoctonia solani Kühn)	Leaf rot	Hood River	10,245
Darluca filum (Biv.) Cast.	Parasite on leaf rust	Corvallis	790
Erysiphe graminis DC.	Powdery mildew	Wasco & Benton Cos.	10,221
Heterosporium sp.	Leaf rot	Mt. Hood	1558-A
Phycomycete Indet. e/	Purple leaf speckle	Glenwood	459
Puccinia glumarum (Schm.) Eriks. & Henn.	Stripe rust	Medford, Corvallis	Univ. of Idaho Herb.
P. rubigo-vera (DC.) Wint.	Leaf rust	General	(2, 7)

h/ Includes B. marginatus and B. polyanthus.

Puccinia glumarum (Schm.) Eriks. & Henn.	Stripe rust	Medford, Corvallis	Univ. of Idaho Herb.
P. rubigo-vera (DC.) Wint.	Leaf rust	General	(2, 7)

b/ Includes B. marginatus and B. polyanthus.

Scolecotrichum graminis Fckl.	Leaf stripe	General	10,061
Septoria jacucella Sprague	Western leaf spot	General	10,372
Ustilago bullata Berk.	Brome smut	Scattered	10,521
BROMUS CATHARTICUS Vahl.	RESCUE GRASS		
(B. unioloides H.B.K.)			
Puccinia rubigo-vera (DC.) Wint.	Leaf rust	Corvallis	10,105
Ustilago bullata Berk.	Brome smut	Astoria in plots	10,686
BROMUS COMMUTATUS Schrad.	HAIRY CHESS		
Darluca filum (Biv.) Cast.	on Puccinia rubigo-vera	Corvallis	10
Puccinia rubigo-vera (DC.) Wint.	Leaf rust	W. Oregon	(2)
Septoria bromi Sacc.	Leaf spot	Gen. in Willamette Valley	10,394
Ustilago bullata Berk.	Brome smut	General	1200
BROMUS ERECTUS Huds.	ERECT BROME		
Bacterium coronafaciens atropurpureum Reddy & Godkin [Phytomonas]	Chocolate spot	Astoria in plots	10,711
BROMUS GRANDIS (Shear) Hitchc.	TALL BROME		
Puccinia rubigo-vera (DC.) Wint.	Leaf rust	Corvallis	(2, 7)
BROMUS INERMIS Leyss.	SMOOTH BROME		
Scolecotrichum graminis Fckl.	Leaf stripe	Grant County	10,104
Ustilago bullata Berk.	Brome smut	------	(1)
BROMUS MOLLIS L.	SOFT CHESS		
(B. hordeaceus Am. Auth.)	(Soft cheat)		
Puccinia rubigo-vera (DC.) Wint.	Leaf rust	W. Oregon	(2, 7)
Septoria bromi Sacc.	Leaf spot	W. Oregon	10,995
Tilletia guyotiana Har.	Smut	5 mi. E. of Weston	Fischer's coll.
Ustilago bullata Berk.	Brome smut	General	1814
BROMUS ORCUTTIANUS Vasey	ORCUTT BROME		
Ophiobolus graminis Sacc.	Take-all	Curry County	7599
Scolecotrichum graminis Fckl.	Leaf stripe	Siskiyou Mts.	10,064

BROMUS PACIFICUS Shear	PACIFIC BROME		
Puccinia rubigo-vera (DC.) Wint.	Leaf rust	S.fork of Alsea Riv.	10,678
Scolecotrichum graminis Fckl.	Leaf stripe	Corvallis	10,066
BROMUS RACEMOSUS L.	SMOOTH FLOWERED SOFT CHEAT		
Erysiphe graminis DC.	Powdery mildew	Medford	10,250
Puccinia rubigo-vera (DC.) Wint.	Leaf rust	Hood River and Yamhill Counties	(2, 7)
Septoria bromi Sacc.	Leaf spot	Corvallis	10,811
Ustilago bullata Berk.	Brome smut	Blue Mts.	10,089
BROMUS RIGIDUS Roth.	RIPGUT GRASS		
Bacterium coronafaciens atropurpureum Reddy & Godkin [Phytomonas]	Chocolate spot	Rufus	10,950
Cercospora bromi Sprague	Gray leaf spot	Tumwater, Corvallis	10,405
Puccinia rubigo-vera (DC.) Wint.	Leaf rust	E. & S. Oregon	(2, 7)
Septoria jacucella Sprague	Western leaf spot	6 mi. N. of Eugene	424
BROMUS SECALINUS L.	CHESS (Cheat)		
Puccinia rubigo-vera (DC.) Wint.	Leaf rust	W. Oregon	(2, 7)
Septoria bromi Sacc.	Leaf spot	Willamette Valley	10,402 c/
Ustilago bullata Berk.	Brome smut	General	1821
BROMUS SECALINUS L. var. VELUTINUS (Schrad.)Koch	CHESS		
Ustilago bullata Berk.	Brome smut	Corvallis	10,430
BROMUS SITCHENSIS Trin.	ALASKA BROME		
Puccinia glumarum (Schm.) Eriks. & Henn.	Stripe rust	Moro	Herb. Univ. of Idaho
P. rubigo-vera (DC.) Wint.	Leaf rust	----	(2)
BROMUS STERILIS L.	BARREN CHEAT		
Erysiphe graminis DC.	Powdery mildew	Corvallis	10,487
BROMUS TECTORUM L.	DOWNY CHESS (downy brome)		
Cercosporella herpotrichioides Fron.	Cercosporella foot rot	Union & Wasco Cos.	c/
Fusarium culmorum (W.G.Sm.) Sacc.	Root rot	Wasco County	c/

Cercosporella herpotrichioides Fron.	Cercosporella foot rot	Union & Wasco Cos.	c/
Fusarium culmorum (W.G.Sm.) Sacc.	Root rot	Wasco County	c/

Puccinia rubigo-vera (DC.) Wint.	Leaf rust	Columbia County	(2, 7)
Ustilago bullata Berk.	Brome smut	E. Oregon	10,290
Wojnowicia graminis (McAlp.) Sacc.	Secondary root rot	Union County	c/
BROMUS VULGARIS (Hook.) Shear	NARROW FLOWERED BROME		
Cercospora bromi Sprague	Gray leaf spot	Sourgrass Crk., Yamhill County	467
Darluca filum (Biv.) Cast.	Parasite on leaf rust	Near Pacific Grange, Clatsop County	347
Mastigosporium cylindricum Sprague	Brown spot	Mehl Creek Road, Douglas County	488
Puccinia rubigo-vera (DC.) Wint.	Leaf rust	W. Oregon	(2, 7)
CALAMAGROSTIS CANADENSIS (Michx.) Beauv.	BLUEJOINT		
Puccinia coronata Corda	Crown rust	Columbia County	(2, 7)
Urocystis agropyri (Preuss.) Schroet.	Smut	Mann's Lake	(4) (W.A.F. 222) d/
CALAMAGROSTIS INEXPANSA A. Gray	NORTHERN REEDGRASS (Narrow spiked reedgrass)		
Puccinia coronata Corda	Crown rust	Astoria	(2, 7)
CALAMAGROSTIS NUTKAENSIS (Presl.) Steud.	PACIFIC REEDGRASS		
Claviceps purpurea (Fr.) Tul.	Ergot	Delmoor Bog, Clatsop County	703
Coniothyrium psammae Oud.	Leaf spot	Taft, Waldport	10,817
Darluca filum (Biv.) Cast.	Parasite on crown rust	Coast	10,325;33
Mycosphaerella tassiana (DeNot.) Johans.	Leaf spot	Taft	10,817
Puccinia coronata Corda	Crown rust	Coast	33
P. pygmaea Eriks.	Rust	Newport	(2, 7)
Septoria arctica Berk. & Curtis	Leaf blotch	Seaside, (Delmoor Bog)	709
CALAMAGROSTIS RUBESCENS Buckl.	PINEGRASS		
Cladosporium herbarum Lk.	Leaf mold	Cornucopia	(Fischer)
Colletrotrichum graminicolum (Ces.) Wils.	Anthracnose	Cornucopia	(Fischer)
CENCHRUS PAUCIFLORUS Benth.	FIELD SAND BUR (Burgrass)		
Sorosporium syntherismae (Pk.) Farl.	Smut	Hermiston	Sent to Zundel

CORTADERIA SELLOANA (Schult.) Aschers.& Graebn.	PAMPASGRASS		
Hendersonia culmiseda Sacc.	Leaf spot	Bayview, Lincoln Co.	819
DACTYLIS GLOMERATA L.	ORCHARD GRASS		
Claviceps purpurea (Fr.) Tul.	Ergot	N.W. Oregon	10,527
Colletotrichum graminicolum (Ces.) Wils.	Anthracnose	Greenhouse, OSC, Corvallis	690
Erysiphe graminis DC.	Powdery mildew	Columbia Gorge; Umatilla County	10,055;142
Fusarium avenaceum (Fr.) Sacc.	Culm canker	S. fork of Santiam Riv.	679
Mastigosporium rubricosum (Dearn. & Barth.) Sprague	Purple leaf spot	W. Oregon	10,011
Phyllosticta owensii Sprague	Leaf rot	Waldport	10,595
Phycomycete Indet. e/	Red leaf speckle	Wren	86
Puccinia graminis Pers.	Stem rust	W. Oregon	(2, 7)
Rhynchosporium orthosporum Caldwell	Leaf scald	Benton County	10,124
Scolecotrichum graminis Fckl.	Leaf stripe	General	7591
Selenophoma donacis var. stomaticola (Bauml.) Sprague & Johnson	Selenophoma speckle	Troutdale	10,379 c/
Stagonospora arenaria Sacc.	Purple blotch	Wallace Bridge	742
DANTHONIA CALIFORNICA var. AMERICANA (Scribn.) Hitchc. (D. americana Scribn.)	WILD OATGRASS		
Cladosporium sp. (? parasite)	Speckled mold	Willamette Valley	8255
Scolecotrichum graminis Fckl.	Leaf stripe	Corvallis	10,193
Selenophoma donacis var. stomaticola (Bauml.) Sprague & Johnson	Oatgrass eye spot	Linn and Benton Cos.	629
Ustilago residua Clinton	Smut	Benton, Marion, & Linn Counties	1254
DANTHONIA INTERMEDIA Vasey	TIMBER OATGRASS (Mountain oatgrass)		
Pleospora sp.	Leaf rot	Mt. Hood	10,101
DESCHAMPSIA CAESPITOSA (L.) Beauv.	TUFTED HAIRGRASS		
Hendersonia culmicola var. minor Sacc.	Leaf spot	Corvallis	51
Hendersonia sp.	Leaf rot	Near Granger, near Corvallis	809
Phaeoseptoria sp.	Leaf rot	Near Granger	809
Scolecotrichum graminis Fckl.	Leaf stripe	Linn County	10,673

		Corvallis	809
Phaeoseptoria sp.	Leaf rot	Near Granger	809
Scolecotrichum graminis Fckl.	Leaf stripe	Linn County	10,673

Septoria poliomela Syd.	Tan leaf spot	Near Granger	809
Stagonospora subseriata Sacc.	Leaf rot	Corvallis	51
Uromyces jacksonii Arth. & Fromme	Jackson's Rust	Lincoln County	(2, 7)
DESCHAMPSIA DANTHONIOIDES (Trin.) Munro	ANNUAL HAIRGRASS		
Scolecotrichum graminis Fckl.	Leaf stripe	Douglas County	10,068
Septoria poliomela Syd.	Tan leaf spot	Benton County	c/ 8491
Tilletia airae Blytt	Smut	----------	(4)
DESCHAMPSIA ELONGATA (Hook.) Munro	SLENDER HAIRGRASS		
Darluca filum (Biv.) Cast.	Parasite on rust	Tillamook County	332
Fusarium avenaceum (Fr.) Sacc.	Parasite on rust	Tillamook County	332
Puccinia graminis Pers.	Stem rust	----------	(2)
Uromyces jacksonii Arth. & Fromme	Jackson's rust	Willamette Valley	(2, 7)
DISTICHLIS STRICTA (Torr.) Rydb.	DESERT SALTGRASS		
Dothidella aristidae (S.) Ell. & Ev.	Char spot	Baker and E. Oregon	g/
Puccinia aristidae Tracy	Rust	E. Oregon	(2, 7)
Ustilago hypodytes (Schl.) Fr.	Sheath smut	S. Oregon	3646
ECHINOCHLOA GRUS-GALLI (L.) Beauv.	BARNYARD GRASS		
(?) Epicoccum sp.	Head mold	Astoria	8374
Ustilago crus-galli Tracy & Earle	Smut	S.E. Oregon	(4) (WAF 212) d/
ELYMUS ARENICOLA Scribn. & Smith	SAND RYEGRASS		
Claviceps purpurea (Fr.) Tul.	Ergot	Biggs	10,508
Puccinia procera Diet. & Holw.	California rust	Umatilla & Sherman Cos.	(7)
P. rubigo-vera (DC.) Wint.	Leaf rust	E. Oregon	(2)
ELYMUS CANADENSIS L.	CANADA WILD-RYE		
Claviceps purpurea (Fr.) Tul.	Ergot	E. Oregon	1804
Puccinia rubigo-vera (DC) Wint.	Leaf rust	Umatilla County	g/
ELYMUS CONDENSATUS Presl	GIANT WILD-RYE		
Claviceps purpurea (Fr.) Tul.	Ergot	Union & Umatilla Cos.	10,694
Erysiphe graminis DC.	Powdery mildew	E. Oregon	(W.A.F.163) d/

Heterosporium avenae Oud.	Leaf blight	Sherman County	10,230
Puccinia glumarum (Schm.) Eriks. & Henn.	Stripe rust	Moro	(6) Herb. Univ. of Idaho
P. graminis Pers.	Stem rust	Union County	10,690
P. procera Diet. & Holw.	California rust	Fossil	10,123
P. rubigo-vera (DC.) Wint.	Leaf rust	E. Oregon	(2, 7)
Septoria infuscans (Ell. & Ev.) Sprague	Brown leaf blotch	Sherman, Jefferson, Gilliam & Umatilla Cos.	657
Selenophoma donacis (Pass.) Sprague & Johnson	Selenophoma speckle	Wasco County	8451
Ustilago hypodytes (Schl.) Fr.	Stem smut	----------	(4)
ELYMUS GLAUCUS Buckl.	BLUE WILD RYE		
? Bacterium sp.	Leaf rot	Fall Creek	10,236
Cladosporium herbarum (Pers.) Lk.	Leaf mold	Troutdale	10,945
Claviceps purpurea (Fr.) Tul.	Ergot	Benton County	10,730
Darluca filum (Biv.) Cast.	On Puccinia glumarum	Linn County	175
Fusarium avenaceum (Fr.) Sacc.	On rust	Bonneville	8457
Phycomycete Indet. e/	Purple leaf speckle	Wren	88
Phyllactinia corylea (Pers.) Karst.	Powdery mildew	Bonneville	8448
Puccinia glumarum (Schum.) Eriks. & Henn.	Stripe rust	Benton County	(2, 6, 7)
P. graminis Pers.	Stem rust	Benton & Crook Cos.	(2, 7)
P. rubigo-vera (DC.) Wint.	Leaf rust	W. Oregon	(2, 7)
Rhizoctonia solani Kühn	Leaf rot	Scapoose, Corvallis	141 c/
Rhynchosporium secalis (Oud.) J.J. Davis	Leaf scald	Linn County	10,276
R. orthosporum Caldwell	Leaf scald	Linn and Marion Cos.	10,095
Scolecotrichum graminis Fckl.	Leaf stripe	Benton County	7528
Septoria elymi Ell. & Ev.	Leaf mottle	W. Oregon	c/ 392
Selenophoma donacis (Pass.) Sprague & Johnson	Selenophoma speckle	Crater Lake	10,392
Stagonospora arenaria Sacc.	Purple leaf blotch	Linn County	8487
Tilletia elymi Diet. & Holw.	Smut	Carson (Baker County)	DC Smith
ELYMUS HIRSUTUS Presl	HAIRY SEEDED WILD RYE		
Helminthosporium tritici-repentis Died.	Brown leaf speckle	S. fork Santiam River, Linn County	646
ELYMUS MOLLIS Trin.	AMERICAN DUNEGRASS		
Claviceps purpurea (Fr.) Tul.	Ergot	Warrenton	10,328
Darluca filum (Biv.) Cast.	Parasite on rust	Warrenton	10,329

ELYMUS MOLLIS Trin.	AMERICAN DUNEGRASS		
Claviceps purpurea (Fr.) Tul.	Ergot	Warrenton	10,328
Darluca filum (Biv.) Cast.	Parasite on rust	Warrenton	10,329
Puccinia rubigo-vera (DC.) Wint.	Leaf rust	Coast	10,329
Septoria pacifica Sprague	Black stripe	Lincoln & Tillamook Cos.	10,376
Stagonospora subseriata Sacc.	Leaf spot	Manhattan, Lake Lytle	707
Tiarospora perforans (Rob.) Höhn.	Leaf speckle	Tillamook County	10,958
ELYMUS TRITICOIDES Buckl.	BEARDLESS WILD-RYE (Alkali ryegrass)		
Claviceps purpurea (Fr.) Tul.	Ergot	La Grande	10,689
Puccinia montanensis Ellis.	Brown stripe rust	Talent	10,635
P. rubigo-vera (DC) Wint.	Leaf rust	Sherman County	(2, 7)
Septoria elymi-europaei Jaap	Leaf speckle	Klamath Falls	10,380
S. infuscans (Ell. & Ev.) Sprague	Brown leaf blotch	Eastern Oregon	10,380
Scolecotrichum graminis Fckl.	Leaf stripe	Squaw Butte	837
ELYMUS VANCOUVERENSIS Vasey	VANCOUVER DUNEGRASS		
Puccinia rubigo-vera (DC.) Wint.	Leaf rust	Astoria	Fischer's coll.
FESTUCA DERTONENSIS (All.) Aschers. & Graben.	FESCUE		
Ophiobolus graminis Sacc.	Take-all	East Corvallis, Linn Co.	g/
Phyllachora sylvatica Sacc. & Speg.	Tar spot	S. fork Alsea River	322
Septoria tenella Cke. & Ell.	Leaf spot	Roaring River, Linn Co.	186
FESTUCA IDAHOENSIS Elmer	BLUEGRASS FESCUE (Idaho fescue)		
Puccinia crandallii Pam. & Hume	Rust	Blue Mts.	(2, 7)
FESTUCA ELATIOR L.	MEADOW FESCUE		
Cladosporium herbarum (Pers.) Lk.	Leaf mold	Granger	10,960
Claviceps purpurea (Fr.) Tul.	Ergot	Astoria	g/
Puccinia coronata Cda.	Crown rust	Lincoln County	(2, 7)
P. graminis Pers.	Stem rust	Benton and Lane Cos.	(2, 7)
P. poae-sudeticae (Westd.) Jørstad	Rust	W. Oregon	(2, 7)
FESTUCA MAIREI St. Yves	FESCUE		
Cladosporium herbarum (Pers.) Lk.	Leaf mold	Granger	10,506
FESTUCA MEGALURA Nutt.	FOXTAIL FESCUE		
Mycosphaerella sp.	Blight	Benton County	10,818
Ophiobolus graminis Sacc.	Take-all	Linn and Benton Cos.	g/
Ovularia pulchella (Ces.) Sacc.	Brown leaf spot	Linn, Benton & Lincoln Cos.	10,271

Phyllachora sylvatica Sacc. & Speg.	Tar spot	Linn County	10,491
Puccinia graminis Pers.	Stem rust	Corvallis	(2, 7)
FESTUCA MYUROS L.	RAT TAIL FESCUE		
Corticium fuciforme (McAlp.) Wak.	Pink patch	Bayview, Lincoln Co.	823
Ophiobolus graminis Sacc.	Take-all	Lincoln County	g/
Ovularia pulchella (Ces.) Sacc.	Brown leaf spot	W. Oregon	10,125
Puccinia graminis Pers.	Stem rust	Willamette Valley	(2)
FESTUCA OCTOFLORA Walt.	SIXWEEKS FESCUE (slender fescue)		
Rhizoctonia solani Kühn	Brown patch	Bayview, Lincoln Co.	556
Tilletia fusca Ell. & Ev.	Smut	--------	(4)
Ustilago mulfordiana Ell. & Ev.	Smut	--------	(4)
FESTUCA OCCIDENTALIS Hook.	WESTERN FESCUE		
Phyllachora sylvatica Sacc. & Speg.	Tar spot	Mehl Creek, Douglas Co.	479
FESTUCA PACIFICA Piper	PACIFIC FESCUE		
Puccinia graminis Pers.	Stem rust	Corvallis	(2, 7)
P. piperi Ricker	Piper's rust	Eight Dollar Mt. (S. Oreg.)	(2, 7)
Ustilago mulfordiana Ell. & Ev.	Smut	Columbia R.	1371
FESTUCA RUBRA L.	RED FESCUE		
Ascochyta graminicola Sacc. var. brachypodii Trail	Leaf spot	Garibaldi	8377
Cercosporella subulata Sprague	Eye spot	Halsey	10,989
Darluca filum (Biv.) Cast.	on Rust	Garibaldi, Lake Lytle	510; 748
Hendersonia sp.	Secondary leaf rot	Garibaldi	749
Hendersonia culmicola var. minor Sacc.	Leaf mold	Near Newport	35
Mycosphaerella tulasnei Jacz.	Leaf mold	Corvallis	H.A.Rampton
Phaeoseptoria sp.	Secondary leaf rot	Garibaldi; King's Valley	8376
Phyllachora sylvatica Sacc. & Speg.	Tar spot	Newport	10,174
Puccinia crandallii Pam. & Hume	Rust	Union, Benton, Tillamook and Lincoln Cos.	748 (2, 7)
Septoria tenella Cke. & Ell.	Tan leaf spot	Corvallis	H.A. Rampton

Puccinia crandallii Pam. & Hume	Rust	Union, Benton, Tillamook and Lincoln Cos.	748 (2, 7)
Septoria tenella Cke. & Ell.	Tan leaf spot	Corvallis	H.A. Rampton

FESTUCA RUBRA var. COMMUTATA Gaud.	CHEWINGS FESCUE		
Cladosporium herbarum Lk.	Secondary seed mold	Benton County	692
Corticium fuciforme (McAlp.) Wak.	Pink patch	Astoria, Portland, Corvallis	687
C. solani (Prill. & Del.) Bourd. & Galz. (Rhizoctonia solani Kühn)	Brown patch	Portland	E. 511
Fusarium sp.	Scab	Astoria	8315
F. nivale (Fr.) Sor.	Snow mold	Portland	E. 410
Hendersonia sp.	Leaf rot	Sulfur Springs Road, Benton County	810
Phycomycete e/	Purple leaf speckle	Corvallis	59
Septoria tenella Cke. & Ell.	Tan leaf spot	W. Oregon	10,582
FESTUCA SCARBRELLA Torr.	ROUGH FESCUE (Buffalo bunchgrass)		
Puccinia crandallii Pam. & Hume	Rust	E. Central Oregon	(7) 1424
FESTUCA SUBULATA Trin.	BEARDED FESCUE (Nodding fescue)		
Phyllosticta sp.	Leaf spot	Silver Creek Falls	270
Puccinia coronata Corda	Crown rust	Coast Range	(7)
P. crandallii Pam. & Hume	Rust	Ashland, Silver Creek Falls	(2, 7)
FLUMINEA FESTUCACEA (Willd.) Hitchc.	FLUMINEA GRASS		
Ustilago arthuri Hume	Smut	--------	(4)
GASTRIDIUM VENTRICOSUM (Gouan) Schinz & Thell.	NIT-GRASS		
Helminthosporium sp.	White leaf spot	S. Willamette Valley	g/
GLYCERIA ELATA (Nash) Hitchc.	TALL MANNAGRASS		
Puccinia coronata Cda.	Crown rust	Clatskanie	(2, 7)
Septoria nodorum Berk.	Leaf spot	Cornucopia, Elgin	(Fischer)
Ustilago longissima (Sow.) Tul.	Smut	Clatskanie	1810
GLYCERIA FLUITANS (L.) R. Br.	MANNAGRASS		
Scolecotrichum graminis Fckl.	Leaf stripe	Benton County	10,152

GLYCERIA GRANDIS S. Wats.	AMERICAN MANNAGRASS		
Scolecotrichum graminis Fckl.	Leaf stripe	Portland	10,070
Ustilago longissima (Sow.) Tul.	Smut	-------	(15)
GLYCERIA PAUCIFLORA Presl	WEAK MANNAGRASS		
Puccinia coronata Corda	Crown rust	N.W. Oreg.	(2, 7)
GLYCERIA SEPTENTRIONALIS Hitchc.	EASTERN MANNAGRASS		
Scolecotrichum graminis Fckl.	Leaf stripe	Tillamook	10,076
GLYCERIA STRIATA (Lam.) Hitchc.	FOWL MANNAGRASS		
(Panicularia nervata Kuntze)			
Scolecotrichum graminis Fckl.	Leaf stripe	Umpqua Valley	10,071
Septoria nodorum Berk.	Leaf spot	Hoover	10,177
HESPEROCHLOA KINGII (S.Wats.) Rydb.	SPIKE FESCUE		
(FESTUCA KINGII Cassidy, F. confinis Vasey)			
Puccinia crandallii Pam. & Hume	Rust	S.E. Oregon	(7)
HIEROCHLOE OCCIDENTALIS Buckl.	GIANT VANILLAGRASS		
(Torresia macrophylla Hitchc.)	(California sweetgrass)		
Puccinia graminis Pers.	Stem rust	Benton County	(7)10,086
HOLCUS LANATUS L.	VELVET GRASS		
Cercosporella holci Sprague	Tan leaf spot	W. Oregon	10,202
Claviceps purpurea (Fr.) Tul.	Ergot	Coast Region	1727
Darluca filum (Biv.) Cast.	Parasite on rust	Waldport and Hood River	10,503
Dilophospora alopecuri (Fr.) Fr.	Twist disease	W. Oregon	1229
Helminthosporium triseptatum Drechs.	Leaf mold	Lincoln County	10,120
Ophiobolus graminis Sacc.	Take-all	Alsea Mts.	10,012
Ovularia pulchella (Ces.) Sacc.	Red leaf spot	Alsea, Tangent	10,666
Puccinia coronata Corda	Crown rust	Coast	(2, 7)
P. rubigo-vera (DC.) Wint.	Leaf rust	W. Oreg.	(2, 7)
Rhizoctonia solani Kühn	White foot rot	Lincoln Co.	10,101
Septoria tritici Rob. f. holci Sprague	Leaf blotch	N.W. Oreg.	10,108
Tilletia holci (West.) Rostr.	Smut	------	1378
Ustilago striaeformis (Westd.) Niessl	Stripe smut	Willamette Valley	10,670

Septoria tritici Rob. f. holci Sprague	Leaf blotch	N.W. Oreg.	10,108
Tilletia holci (West.) Rostr.	Smut	------	1378
Ustilago striaeformis (Westd.) Niessl	Stripe smut	Willamette Valley	10,670

HORDEUM DISTICHON L.	TWO ROW BARLEY		
Erysiphe graminis DC.	Powdery mildew	W. Oreg.	670
Fusarium culmorum (W.G.Sm.) Sacc.	Root rot	W. Oreg.	c/
Puccinia anomala Rostr.	Leaf rust	Lincoln & Marion Cos.	7540
P. graminis Pers.	Stem rust	Corvallis	(2, 7)
Rhizoctonia solani Kühn	White foot rot	Alsea Valley	c/
Rhynchosporium secalis (Oud.)J.J.Davis	Leaf scald	Linn County	10,273
Ustilago hordei Lagerh.	Covered smut	Near Dallas, St. Helens	10,756
HORDEUM GUSSONIANUM Parl.	MEDITERRANEAN BARLEY		
Puccinia glumarum (Schm.) Eriks. & Henn.	Stripe rust	Corvallis	(2, 7)
Rhizoctonia solani Kühn	Leaf rot	Conroy, near Corvallis	22
HORDEUM JUBATUM L.	FOXTAIL BARLEY (Squirrel tail)		
Puccinia glumarum (Schm.) Eriks. & Henn.	Stripe rust	Paisley	(6)10,074
Rhynchosporium secalis (Oud.)J.J.Davis	Leaf scald	Corvallis	7559
Uromyces jacksonii Arth. & Fromme	Jackson's rust	Umatilla County	(2, 7)
Ustilago bullata Berk.	Smut	Baker	Fischer's coll.
HORDEUM MURINUM L.	WALL BARLEY (Mouse barley)		
Puccinia glumarum (Schm.) Eriks. & Henn.	Stripe rust	Corvallis	Herb. Univ. of Idaho
P. hordei Fckl.	Rust	W. Oreg.	(2)
Rhynchosporium secalis (Oud.)J.J.Davis	Leaf scald	Corvallis	7534
Ustilago bullata Berk.	Smut	Wheatland	10,050
HORDEUM NODOSUM L.	MEADOW BARLEY		
Erysiphe graminis DC.	Powdery mildew	Andrews	(W.A.F.165)d/
Puccinia glumarum (Schm.) Eriks. & Henn.	Stripe rust	Medford	(6) Herb., Univ. of Idaho
P. graminis Pers.	Stem rust	Benton & Union Cos.	10,732
P. hordei Fckl.	Rust	Coast	(2)
Scolecotrichum graminis Fckl.	Leaf stripe	Benton & Union Cos.	10,676
Urocystis agropyri (Preuss) Schroet.	Leaf smut	Linn County	10,749
Uromyces jacksonii Arth. & Fromme	Jackson's rust	Portland	(2, 7)
Ustilago bullata Berk.	Smut	Central Point & Linn County	10,725

HORDEUM NODOSUM var. BOREALE (Scribn. & Smith) Hitchc.	NORTHERN MEADOW BARLEY		
Scolecotrichum graminis Fckl.	Leaf stripe	Ukiah	10,072
HORDEUM VULGARE L.	BARLEY		
Bacterium translucens Jones, Johnson, & Reddy [Phytomonas t. Bergey et al.]	Bacterial blight	Corvallis	(1)
Cercosporella herpotrichioides Fron	Cercosporella foot rot	Wasco & Union Cos.	(14) c/
Claviceps purpurea (Fr.) Tul.	Ergot	Corvallis	1927
Erysiphe graminis DC.	Powdery mildew	Willamette Valley	(1); 734
Fusarium culmorum (W.G.Sm.) Sacc.	Root rot	W. Oreg.	(1)c/ g/
Helminthosporium gramineum Rabh.	Stripe	Corvallis	4822
H. sativum P. K. & B.	Root rot	Coast & E.Oreg.	c/ 10,111
H. teres Sacc.	Net blotch	Corvallis	7423
Mycosphaerella tulasnei Jacz.	Leaf mold	Corvallis, Eugene	384; 489
Ophiobolus graminis Sacc.	Take-all	W. Oreg.	10,298
Puccinia anomala Rostr.	Leaf rust	Willamette Valley	(2)
P. glumarum (Schm.) Eriks. & Henn.	Stripe rust	Moro	(2, 6, 7)
P. graminis Pers.	Stem rust	Corvallis	(2, 7)
Rhizoctonia solani Kühn	White foot rot	Lincoln, Benton, & Lane Counties	(10)c/ g/ (14) 10,020
Rhynchosporium secalis (Oud.) J.J.Davis	Leaf scald	General	10,042
Septoria passerinii Sacc.	Leaf spot	Corvallis	(1) 10,525
Ustilago hordei Lagerh.	Covered smut	General	7071
U. nuda Rostr.	Loose smut	Corvallis, Pendleton	7070
Wojnowicia graminis (McAlp.) Sacc. & D. Sacc.	Secondary root rot	Wasco & Union Cos.	(11) c/
KOELERIA CRISTATA (L.) Pers.	JUNEGRASS		
Puccinia koeleriae Arth.	Rust	Union County	(2, 7)
P. monoica (Pk.) Arth.	Rust	Grant County	(7) J.R.Weir 237
Septoria calamagrostidis (Lib.) Sacc. var. koeleriae (Cocc. & Mor.) Spr.	Leaf spot	Grant, Sherman, Benton & Union Cos.	10,363
LOLIUM MARSCHALLII Stev.	RYEGRASS		
Ovularia pulchella (Ces.) Sacc.	Gray leaf spot	Benton County	10,241

Ovularia pulchella (Ces.) Sacc.	Gray leaf spot	Benton County	10,241

LOLIUM MULTIFLORUM Lam. (L. italicum A. Br.)	ITALIAN RYEGRASS		
Ascochyta lolii (West.) Spr. & John.	Brown leaf spot	W. Oreg.	c/ 10,122
Bacterium coronafaciens atropurpureum Reddy & Godkin [Phytomonas]	Chocolate spot	W. Oreg.	10,550
Claviceps purpurea (Fr.) Tul.	Ergot	W. Oreg.	1743
Darluca filum (Biv.) Cast.	On Puccinia coronata	Corvallis	e/
Fusarium culmorum (W.G.Sm.) Sacc.	Root rot	Willamette Valley	(8)
Phytophthora sp.	Leaf rot	Corvallis	10,122
Puccinia coronata Corda	Crown rust	W. Oreg.	(2, 7)
P. graminis Pers.	Stem rust	Tulatin	1357
Rhynchosporium orthosporum Caldwell	Leaf scald	Corvallis & Ft. Yamhill	10,485
R. secalis (Oud.) J.J. Davis	Leaf scald	Corvallis	10,119
Scolecotrichum graminis Fckl.	Leaf stripe	Corvallis	g/
Septoria tritici Rob. var. lolii (Cast.) Sprague & Johnson	Leaf blotch	Benton County	c/ 452
Ustilago sp.	Head smut	W. Oreg.	5207
LOLIUM PERENNE L.	PERENNIAL RYEGRASS (English ryegrass)		
Ascochyta graminicola Sacc. var. brachypodii Trail	White leaf spot	Multnomah County	10,239
A. lolii (West.) Sprague & Johnson	Brown leaf spot	W. Oregon	10,219
Bacterium coronafaciens atropurpureum Reddy & Godkin [Phytomonas]	Chocolate spot	Astoria, Corvallis	10,710
Claviceps purpurea (Fr.) Tul.	Ergot	N.W. Oreg.	10,129
Colletotrichum graminicolum (Ces.) Wils.	Anthracnose	Scottsburg	9
Helminthosporium siccans Drechs.	Brown leaf scorch	Corvallis	10,135
Ovularia lolii Volkart	Eye spot	Corvallis	g/
Puccinia coronata Cda.	Crown rust	N.W. Oreg.	(2, 7)
Rhynchosporium orthosporum Caldwell	Leaf scald	Benton County	10,240
Scolecotrichum graminis Fckl.	Leaf stripe	Corvallis	10,040
Septoria tritici Rob. var. lolii (Cast.) Sprague and Johnson	Leaf blotch	Benton & Linn Cos.	c/ 449
Ustilago striaeformis (Westd.) Niessl	Stripe smut	Corvallis	7181
LOLIUM SUBULATUM Vis.	NARROW SPIKED RYEGRASS		
Puccinia graminis Pers.	Stem rust	Corvallis	3277

LOLIUM TEMULENTUM L.	DARNEL		
Bacterium coronafaciens atropurpureum Reddy & Godkin [Phytomonas]	Chocolate spot	Wallace Bridge	10,728
MELICA BULBOSA Geyer (M. bella Piper)	ONIONGRASS		
Sclecotrichum graminis Fckl.	Leaf stripe	Wallowa Mts.	10,075
MELICA SUBULATA (Griseb.) Scribn.	ALASKA ONIONGRASS		
Cercosporella subulata Spr.	Leaf blast	Ochoco Nat'l Forest	10,669
MUHLENBERGIA ANDINA (Nutt.) Hitchc. (M. comata Thurb.)	FOXTAIL MUHLY (Hairy Muhlenbergia)		
Uromyces minimus J.J. Davis	Rust	Wallowa County	(2, 7)
MUHLENBERGIA ASPERIFOLIA (Nees & Mey.) Parodi (Sporobolus asperifolius Nees & Mey.)	SCRATCHGRASS		
Phyllachora sp.	Tar spot	Baker	Fischer's coll.
Tilletia asperifolia Ell. & Ev.	Smut	------	(4)
MUHLENBERGIA RACEMOSA (Michx.) B.S.P.	MARSH MUHLY (Satin grass)		
Uromyces minimus J.J. Davis	Rust	Wallowa County	(2, 7)
ORYZOPSIS HYMENOIDES (Roem. & Schult.) Ricker	INDIAN RICE GRASS (Indian millet)		
Puccinia scaber (Ell. & Ev.) Barth.	Rust	Celilo	8441
Selenophoma donacis var. stomaticola (Bauml.) Sprague and Johnson	Selenophoma speckle	Gilliam County	803 (Dana)
Ustilago hypodytes (Schl.) Fr.	Stem smut	Wasco County	7617
PANICUM MILIACEUM L.	BROOMCORN MILLET (Proso or hog millet)		
Bacterium panici Elliott [Phytomonas p. Bergey et al.]	Leaf blight	Seaside	10,332
Sphacelotheca panici-miliacei (Pers.) Bubak	Smut	Corvallis	1806
PANICUM PACIFICUM Hitchc. & Chase	PACIFIC PANICUM		
Cercospora fusimaculans Atk.	Leaf blotch	Mary's Peak	9898 (Zeller)

PHALARIS ARUNDINACEA L.	REED CANARYGRASS		
Puccinia sessilis Schneid.	Rust	Malheur County	(2, 7)
Phaeoseptoria sp.	Leaf rot	Corvallis	17
Septoria bromi Sacc. var. phalaricola Sprague	Leaf spot	Astoria	10,370
PHALARIS TUBEROSA var. STENOPTERA (Hack.) Hitchc.	HARDING GRASS		
Helminthosporium sativum P.K. & B.	Leaf mold	Corvallis	64
Mycosphaerella tulasnei Jacz.	Leaf mold	Corvallis	396
Puccinia sessilis Schneid.	Rust	Corvallis	10,106
Rhizoctonia solani Kühn	Leaf rot	Corvallis	64
Phaeoseptoria sp.	Leaf rot	Corvallis	396
PHLEUM PRATENSE L.	TIMOTHY		
Claviceps purpurea (Fr.) Tul.	Ergot	Coast	1731
Heterosporium phlei Gregory	Purple leaf spot	Astoria, Corvallis	10,744
Puccinia graminis phlei-pratensis (Eriks. & Henn.) Stak. & Piem.	Stem rust	General	(2, 7)
Scolecotrichum graminis Fckl.	Leaf stripe	General	7543
Ustilago striaeformis (Westd.) Niessl	Stripe smut	General	1694
PHRAGMITES COMMUNIS Trin.	COMMON REED		
Puccinia phragmites (Schum.) Körn.	Rust	Young's Bay, Astoria	10,683
Scolecotrichum maculicola Ell. & Kell.	Eye spot	Young's Bay, Astoria	10,683
PLEUROPOGON REFRACTUS (A. Gray) Benth.	NODDING SEMAPHORE GRASS		
Ascochyta graminicola Sacc. var. brachypodii Trail	Leaf spot	Bergsvik Creek, Clatsop County	197
POA AMPLA Merr.	BIG BLUEGRASS		
Puccinia poae-sudeticae (West.) Jørstad	Bluegrass Rust	Hood River	(2)
P. rubigo-vera (DC) Wint.	Leaf rust	Hood River	(2, 7)
Selenophoma donacis var. stomaticola (Bauml.) Sprague & Johnson	Selenophoma speckle	The Dalles	115

POA ANNUA L.	ANNUAL BLUEGRASS		
Darluca filum (Biv.) Cast.	On Puccinia poae-sudeticae	Corvallis	10,021
Fusarium culmorum (W.G. Sm.) Sacc.	Head mold	Warrenton	708
Entyloma irregulare Johann.	Black spot leaf smut	W. Oregon	10,238
Phycomycete Indet. e/	Purple speckle	Alderwood St. Pk.	352
Puccinia poae-sudeticae (West.) Jørstad	Bluegrass rust	W. Oregon	(2)
Septoria macropoda Pass.	Leaf spot	Corvallis	c/ 708
POA BOLANDERI Vasey	BOLANDER BLUEGRASS		
Puccinia poae-sudeticae (West.) Jørstad	Bluegrass rust	Wallowa Mts.	10,077
POA CANBYI (Scribn.) Piper	CANBY BLUEGRASS		
Erysiphe graminis DC	Powdery mildew	Union County	10,078
POA COMPRESSA L.	CANADA BLUEGRASS		
Cladosporium herbarum (Pers.) Lk.	Leaf mold	Alsea	10,755
Darluca filum (Biv.) Cast.	On Puccinia poae-sudeticae	Corvallis	10,007
Entyloma crastophilum Sacc.	Black spot leaf smut	Bayview	821
Helminthosporium vagans Drechs.	Leaf spot	Benton County	10,264
Puccinia poae-sudeticae (West.) Jørstad	Bluegrass rust	Corvallis	10,007
Scolecotrichum graminis Fckl.	Leaf stripe	General	10,007
Septoria macropoda Pass. var. septulata (Gz. Frag.) Sprague	Leaf blotch	General	10,946
S. oudemansii Sacc.	Tan leaf spot	Corvallis	385
POA GRACILLIMA Vasey (P. multnomae Piper)	SLENDER BLUEGRASS (Pacific bluegrass)		
Ascochyta graminicola Sacc. var. holci Sacc.	Leaf spot	Horse Tail Falls (Multnomah Co.)	10,280
Erysiphe graminis DC.	Powdery mildew	Columbia Gorge	g/
Hendersonia culmicola var. intermedia Sacc.	Leaf spot	7 mi. W. of The Dalles	116
Puccinia poae-sudeticae (West.) Jørstad	Bluegrass rust	Columbia Gorge	10,283
POA HOWELLII Vasey and Scribn.	HOWELL BLUEGRASS		
Septoria macropoda Pass.	Leaf spot	Lower Columbia Riv.	10,080

POA HOWELLII Vasey and Scribn.	HOWELL BLUEGRASS		
Septoria macropoda Pass.	Leaf spot	Lower Columbia Riv.	10,080

POA JUNCIFOLIA Scribn. (P. brachyglossa Piper)	ALKALI BLUEGRASS		
Erysiphe graminis DC.	Powdery mildew	Wasco County	10,229
Fusarium sp.	Leaf rot,crown rot	Near Celilo Falls	145
Entyloma irregulare Johann.	Black spot leaf smut	Wasco County	10,228
Mycosphaerella tassiana (DeNot.) Johans.	Leaf spot	Rufus (near)	10,941
Phycomycete Indet. e/	Leaf spot	7 mi. W.of The Dalles	130
Puccinia poae-sudeticae (West.) Jørstad	Bluegrass rust	Wasco County	10,244
Selenophoma donacis var. stomaticola(Bauml.) Sprague & Johnson	Selenophoma speckle	Friend, Rufus	10,760
POA KELLOGGII Vasey	KELLOGG BLUEGRASS		
Septoria macropoda Pass.	Leaf spot	Jackson County	10,758
POA LEPTOCOMA Trin.	BOG BLUEGRASS		
Puccinia poae-sudeticae (West.) Jørstad	Bluegrass rust	Whitman Nat'l Forest	10,079
POA MACRANTHA Vasey	SEASHORE BLUEGRASS		
Puccinia graminis Pers.	Stem rust	Warrenton	338
P. poae-sudeticae (West.) Jørstad	Bluegrass rust	Newport	(2, 7)
POA NERVOSA (Hook.) Vasey	WHEELER BLUEGRASS		
Scolecotrichum graminis Fckl.	Leaf stripe	Friend	874
POA NEVADENSIS Vasey	NEVADA BLUEGRASS		
Claviceps purpurea (Fr.) Tul.	Ergot	Seneca; Hart Mts.	10,696
Septoria macropoda Pass. var. grandis Sprague	Leaf spot	Blue Mts.	10,355
POA PALUSTRIS L.	FOWL BLUEGRASS		
Erysiphe graminis DC.	Powdery mildew	Klamath County	10,102
Puccinia poae-sudeticae (West.) Jørstad	Bluegrass rust	Klamath County	(2)
POA PRATENSIS L.	KENTUCKY BLUEGRASS		
Cercosporella sp. i/	Brown eye leaf spot	Near Forest Grove; East Corvallis	453,789

i/ This apparently undescribed species will be described in a subsequent publication. It is apparently not rare in Oregon but obscured by the more prevalent Septoria and Helminthosporium spots.

Corticium vagum Berk. & Curt. [C. solani]	Brown patch	W. Oregon	10,965
Darluca filum (Biv.) Cast.	On rust	W. Oregon	10,237
Entyloma crastophilum Sacc.	Black spot leaf smut	Lincoln & Benton Co.	10,201
Erysiphe graminis DC.	Powdery mildew	Heppner	10,053
Fusarium (?) nivale (Fr.) Sor.	Snow mold	NW. Oregon	c/, g/
Gloeosporium graminum Rostr.	Anthracnose	S. fork Alsea Riv. & Irish Bend (Benton Co.)	10,665
Helminthosporium vagans Drechs.	Leaf spot	Corvallis	10,121
Phycomycete Indet. e/	Red leaf speckle	Benton & Linn Cos.	789
Puccinia poae-sudeticae (West.) Jørstad	Bluegrass rust	General	(2, 7)
Rhizoctonia solani Kühn	Leaf rot	Corvallis	c/
Septoria macropoda Pass. var. septulata (Gz. Frag.) Sprague	Leaf spot	W. Oregon	c/ 8301
S. nodorum Berk.	Glume blotch & leaf spot	W. Oregon	c/
S. oudemansii Sacc.	Leaf spot	Corvallis, Lobster Valley	10,237
POA SCABRELLA (Thurb.) Benth.	DESERT BLUEGRASS		
Pleospora karstenii Berl. & Vogl.	Leaf & culm mold	Tygh Ridge	10,759
Uromyces dactylidis Otth.	Tar rust	Ochoco Nat'l Forest	10,081
POA SECUNDA Presl (P. sandbergii Vasey)	SANDBERG BLUEGRASS (Desert bluegrass)		
Erysiphe graminis DC.	Powdery mildew	E. Oregon	10,226
Septoria macropoda Pass. var. grandis Sprague	Leaf spot	General in E. Oreg.	c/ 10,343
POA TRIVIALIS L.	ROUGH BLUEGRASS		
Helminthosporium poae Baudys	Leaf spot	Astoria	10,330
Puccinia poae-sudeticae (West.) Jørstad	Bluegrass rust	Astoria	10,330
Rhizoctonia solani Kühn	Leaf rot	Corvallis	c/
POA VASEYOCHLOA Scribn.	VASEY'S BLUEGRASS		
Cladosporium herbarum Lk.	Secondary leaf rot	Mayer Park	872
Erysiphe graminis DC.	Powdery mildew	Wasco & Sherman Cos.	114
Phytophthora sp.	Greasy brown spot	Mayer Park	872
POLYPOGON MONSPELIENSIS (L.) Desf.	RABBITFOOT GRASS		
Erysiphe graminis DC.	Powdery mildew	Biggs	8439

Phytophthora sp.	Crown rot spot	Eug. to Salem	
POLYPOGON MONSPELIENSIS (L.) Desf.	RABBITFOOT GRASS		
Erysiphe graminis DC.	Powdery mildew	Biggs	8439
PUCCINELLIA DISTANS (L.) Parl.	EURASIAN ALKALI GRASS		
Cladosporium herbarum Lk.	Leaf mold	Klamath Falls	807
PUCCINELLIA NUTKAENSIS (Presl)Fern. & Weath.	PACIFIC ALKALI GRASS		
Puccinia (?) rubigo-vera (DC.) Wint.	Leaf rust	Klamath Falls	10,082
PUCCINELLIA NUTTALLIANA (Schult.) Hitchc.	NUTTALL ALKALI GRASS (Zawadke alkali grass)		
Puccinia rubigo-vera (DC.) Wint.	Leaf rust	Union & Jackson Cos.	(7)
SCRIBNERIA BOLANDERI (Thurb.) Hack.	SCRIBNER GRASS		
Uromyces jacksonii Arth. & Fromme	Jackson's rust	-------	(2)
SECALE CEREALE L.	RYE		
Cercosporella herpotrichioides Fron.	Cercosporella foot rot	Wasco & Union Cos.	(14) 5223
Claviceps purpurea (Fr.) Tul.	Ergot	Scattered	5218
Erysiphe graminis DC.	Powdery mildew		(1)
Fusarium culmorum (Sm.) Sacc.	Root rot	W. Oregon	(8)
F. scirpi var. acuminatum (Ell. & Ev.) Wr.	Secondary root rot	Wasco & Union Cos.	c/
Helminthosporium sativum P.K. & B.	Dry land root rot	Sherman County	c/
Puccinia glumarum (Schm.) Eriks. & Henn.	Stripe rust	Moro	(6) Herb. Univ.of Idaho
P. graminis Pers.	Stem rust	-------	(1)
P. rubigo-vera secalis (Eriks.) Carl.	Leaf rust	Marion,Lincoln, & Linn Counties	(2)
Rhynchosporium secalis (Oud.) J.J.Davis	Leaf scald	Corvallis	259
Scolecotrichum graminis Fckl.	Leaf stripe	Lincoln County	257
Tilletia sp.	Stinking smut	Central Morrow Co.	Sent to W.S.C.
Wojnowicia graminis (McAlp.) Sacc.	Secondary root rot	E. Oreg. prairies	(11) c/
SETARIA ITALICA (L.) Beauv.	FOXTAIL MILLET		
Cladosporium herbarum Lk.	Leaf mold	Salem	773
Epicoccum purpurascens Ehrbg.	Leaf mold	Corvallis	10,497
SETARIA VIRIDIS (L.) Beauv.	GREEN BRISTLEGRASS		
Bacterium holci Kendrick [Phytomonas h. Bergey et al.]	Leaf blight	Seaside	10,488

SITANION HANSENI (Scribn.) J.G.Smith	HANSEN SQUIRRELTAIL		
Ustilago sitanii Fisch.	Loose smut	Klamath Falls (D.C.Smith)	13,165
SITANION HYSTRIX (Nutt.) J.G. Smith	SQUIRRELTAIL		
(S. californicum J. G. Smith)	(Bottle brush squirreltail)		
Ascochyta graminicola Sacc. var. holci Sacc.	Leaf spot	Mt. Hood	10,770
Puccinia glumarum (Schm.) Eriks. & Henn.	Stripe rust	Redmond	(2, 7)
P. pattersoniana Arth.	Rust	N. Powder (Smith)	350
P. rubigo-vera (DC.) Wint.	Leaf rust	E. Oregon	(2, 7)
Scolecotrichum graminis Fckl.	Leaf stripe	Echo	10,083
Selenophoma donacis var. stomaticola (Bauml.) Sprague & Johnson	Selenophoma spot	Mt. Hood (Adlard)	10,770
S. passerinii Sacc.	Leaf & Sheath spot	Mt. Hood Nat'l Forest	c/ 10,382
SITANION JUBATUM J. G. Smith	BIG SQUIRRELTAIL		
Puccinia glumarum (Schw.) Eriks. & Henn.	Stripe rust	Redmond	(2, 7)
P. rubigo-vera (DC.) Wint.	Leaf rust	S. Oregon	(2, 7)
Scolecotrichum graminis Fckl.	Leaf stripe	Wasco County	10,163
SORGHUM VULGARE Pers.	SORGHUM		
Sorosporium reilianum (Kühn) McAlp.	Head smut	Ashland	1201
Sphacelotheca sorghi (Lk.) Clinton	Kernel smut	------	(15)
SORGHUM VULGARE var. SUDANENSE (Piper) Hitchc.	SUDAN GRASS		
Sphacelotheca sorghi (Lk.) Clinton	Kernel smut	S. Oreg., Eugene	11
SPOROBOLUS AIROIDES Torr.	ALKALI SACATON (Hairgrass dropseed)		
Puccinia luxuriosa Syd.	Rust	Harney County	(2)
STIPA COLUMBIANA var. NELSONI (Scribn.)Hitchc.	COLUMBIA NEEDLEGRASS		
Septoria stipina Died.	Leaf spot	Long Creek, Blue Mts.	10,761
STIPA COMATA Trin. & Rupr.	NEEDLE AND THREAD		
Puccinia stipae Arth.	Rust	Umatilla & Sherman Counties	(2, 7)
Scolecotrichum graminis Fckl.	Leaf stripe	Crook County	10,084
Ustilago hypodytes (Schl.) Fr.	Stem smut	Umatilla County	1368

STIPA COMATA Trin. & Rupr.			
Puccinia stipae Arth.	Rust	Umatilla & Sherman Counties	(2, 7)
Scolecotrichum graminis Fckl.	Leaf stripe	Crook County	10,084
Ustilago hypodytes (Schl.) Fr.	Stem smut	Umatilla County	1368
STIPA OCCIDENTALIS Thurb.	WESTERN NEEDLEGRASS		
Ustilago hypodytes (Schl.) Fr.	Stem smut	Steins Mts.	(4); (W.A.F. 236) d/
TRISETUM CANESCENS Buckl.	TALL DOWNY TRISETUM		
Puccinia coronata Corda	Crown rust	Silver Creek Falls	271
P. graminis Pers.	Stem rust	Astoria	10,294
Septoria calamagrostidis (Lib.) Sacc.	Leaf spot	Cascade Mts. & Coast Range	8498
TRISETUM CERNUUM Trin.	NODDING TRISETUM		
Colletotrichum graminicolum (Ces.) Wils.	Anthracnose	Bergsvik Creek	348
Mastigosporum rubricosum (Dearn. & Barth.) Sprague	Red eye spot	Clatsop & Lincoln Counties	417
Puccinia coronata Corda	Crown rust	Lincoln, Marion and Clatsop Cos.	7536
Septoria calamagrostidis (Lib.) Sacc.	Leaf spot	Bergsvik Creek	198; 417
TRITICUM AESTIVUM L. (T. vulgare Vill.)	WHEAT		
Cercosporella herpotrichioides Fron	Cercosporella foot rot	Union, Umatilla, and Wasco Cos.	(14) c/
Claviceps purpurea (Fr.) Tul.	Ergot	-------	1209
Erysiphe graminis DC.	Powdery mildew	General	5066
Fusarium culmorum (W.G. Sm.) Sacc.	Root rot	W.Oreg. and Prairies	(8)
F. equiseti (Corda) Sacc.	Secondary root rot	General	c/
F. oxysporum Schl.	Secondary root rot	General	c/
F. scirpi Lamb. & Fautr. var. acuminatum (Ell. & Ev.) Wr.	Secondary root rot	General	c/
Helminthosporium sativum P.K. & B.	Root rot and dry land root rot	Coast & E. Oreg.	c/10,030;10,118
Mycosphaerella tulasnei Jacz.	Sooty mold	Enterprise	5084
Ophiobolus graminis Sacc.	Take-all	W. Oreg., Hood Riv. and Union Counties	c/ (1) 10,027
Penicillium sp.	(?) Seedling injury	Forest Grove	25,987
Puccinia glumarum (Schm.) Eriks. & Henn.	Stripe rust	Scattered	(2, 6, 7)
P. graminis Pers.	Stem rust	W. Oreg.	(2, 7)

P. rubigo-vera tritici (Eriks. & Henn.) Carl.	Leaf rust	General	(2, 7)
Rhizoctonia solani Kühn	White foot rot	Lincoln, Benton, & Lane Counties	(10) c/ 10,028
Septoria tritici Rob.	Leaf blotch	General	10,005
Tilletia foetida (Wal.) Liro	Stinking smut	General	(1)
T. caries (DC.) Tul.	Stinking smut	General	(1)
Ustilago tritici Rostr.	Loose smut	Scattered	5096
Wojnowicia graminis (McAlp.) Sacc.	Secondary root rot	Wasco & Union Cos.	(11) c/
TRITICUM DICOCCUM Schrank	EMMER		
Cercosporella herpotrichioides Fron	Cercosporella foot rot	Wasco County	(14) c/
Fusarium culmorum (W.G. Sm.) Sacc.	Root rot	Lincoln County	c/
Puccinia glumarum (Schm.) Eriks. & Henn.	Stripe rust	Moro	(2, 7)
P. rubigo-vera tritici (Eriks. & Henn.) Carl.	Leaf rust	Wasco County	e/
Septoria tritici Rob.	Leaf blotch	Granger	648
Wojnowicia graminis (McAlp.) Sacc. & D. Sacc.	Secondary root rot	Wasco & Union Cos.	(11) g/
TRITICUM DICOCCUM Schrank. var FARRUM Bayle	VERNAL AND KHAPLI EMMER		
Septoria tritici Rob.	Leaf blotch	Benton County	10,726
TRITICUM DURUM Desf.	DURUM WHEAT		
Cercosporella herpotrichioides Fron	Cercosporella foot rot	Union & Wasco Cos.	c/, g/
Fusarium culmorum (W.G. Sm.) Sacc.	Root rot	Union County	c/, g/
Wojnowicia graminis (McAlp.) Sacc. & D. Sacc.	Secondary root rot	Union & Wasco Cos.	c/, g/
TRITICUM MONOCOCCUM L.	EINKORN		
Cercosporella herpotrichioides Fron	Cercosporella foot rot	Union & Wasco Cos.	c/ 10,017
Wojnowicia graminis (McAlp.) Sacc. & D. Sacc.	Secondary root rot	Union County	c/, g/
TRITICUM POLONICUM L.	POLISH WHEAT		
Mycosphaerella tulasnei Jacz.	Leaf rot and blotch	Granger	10,679
TRITICUM SPELTA L.	SPELT		
Cercosporella herpotrichioides Fron	Cercosporella foot rot	Union County	c/, g/
Fusarium culmorum (W.G. Sm.) Sacc.	Root rot	Lincoln County	c/, g/
Helminthosporium sativum P.K. & B.	Foot rot	Lincoln County	c/
Puccinia graminis Pers.	Stem rust	Lincoln County	7602

Fusarium culmorum (W.G. Sm.) Sacc.	Root rot	Lincoln County	c/, g/
Helminthosporium sativum P.K. & B.	Foot rot	Lincoln County	c/
Puccinia graminis Pers.	Stem rust	Lincoln County	7602
P. rubigo-vera tritici (Eriks. & Henn.) Carl.	Leaf rust	Union, Wasco, and Lincoln Counties	7611
Rhizoctonia solani Kühn	White root rot	Alsea Riv. Valley	c/
Septoria nodorum Berk.	Leaf spot	Lincoln County	10,400
S. tritici Rob.	Leaf blotch	Lincoln County	10,365
Ustilago tritici Rostr.	Loose smut	Lincoln County	f/
Wojnowicia graminis (McAlp.) Sacc. & D. Sacc.	Secondary root rot	Union County	c/ g/
TRITICUM TURGIDUM L.	POLLARD WHEAT		
Septoria tritici Rob.	Leaf blotch	Granger	10,680
ZEA MAYS L.	MAIZE (Indian corn)		
Epicoccum neglectum Desm. (? Saprophyte)	Leaf rot	Benton & Lincoln Cos.	10,008
Fusarium culmorum (W. G. Sm.) Sacc.	Root rot	W. Oregon	(8)
Helminthosporium turcicum Pass.	Leaf blight	Lincoln County	g/
Physoderma zeae-maydis Shaw	Brown spot	Benton County	g/
Sorosporium reilianum (Kühn) McAlp.	Head smut	Willamette Valley	(3)
Ustilago zeae-mays (DC.) Wint.	Smut	E. & S. Oreg.	Owens and Zundel

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